

IN THE CLAIMS

Please cancel claims 1-17 without prejudice, and add claims 18-23 as follows:

Claims 1-17 (Canceled)

1 18.(New) A transceiver comprising:
2 means for transmitting a first signal;
3 means for interchanging an I transmit signal and a Q transmit
4 signal from a local oscillator to form a Q receive signal from said
5 I transmit signal and a I receive signal from said Q transmit
6 signal;
7 means for receiving the first signal, said Q receive signal,
8 and said I receive signal to provide a characterization signal; and
9 means for adjusting said means for transmitting in dependence
10 upon the characterization signal.

1 19(New) The transceiver of claim 18, wherein said means for
2 adjusting is configured to adjust at least one of a phase or a gain
3 of said means for transmitting to facilitate reduction of unwanted
4 signals.

1 20.(New) The transceiver of claim 18, wherein said means for
2 adjusting is configured to adjust a phase of one or more
3 oscillation signals provided to said means for transmitting to
4 facilitate rejection of unwanted signals.

1 21.(New) A transmitter configured to transmit a first signal;
2 said transmitter comprising:

3 means for interchanging an I transmit signal and a Q transmit
4 signal from a local oscillator to form a Q receive signal from said
5 I transmit signal and a I receive signal from said Q transmit
6 signal; and

7 means for adjusting said transmitter in dependence upon a
8 characterization signal provided from a receiver which is
9 configured to receive said first signal, said Q receive signal, and
10 said I receive signal.

1 22.(New) The transmitter of claim 21, wherein said means for
2 adjusting is configured to adjust at least one of a phase or a gain
3 of said transmitter to facilitate reduction of unwanted signals.

1 23.(New) The transmitter of claim 21, wherein said means for
2 adjusting is configured to adjust a phase of one or more

3 oscillation signals provided to said transmitter to facilitate
4 rejection of unwanted signals.

1 24.(New) A transmitter configured to transmit a first signal;
2 said transmitter comprising:

3 a switch which is configured to interchange an I transmit
4 signal and a Q transmit signal from a local oscillator to form a Q
5 receive signal from said I transmit signal and a I receive signal
6 from said Q transmit signal; and

7 a controller which is configured to adjust said transmitter in
8 dependence upon a characterization signal provided from a receiver
9 which is configured to receive said first signal, said Q receive
10 signal, and said I receive signal.

1 22.(New) The transmitter of claim 24, wherein said controller
2 is configured to adjust at least one of a phase or a gain of said
3 transmitter to facilitate reduction of unwanted signals.

1 23.(New) The transmitter of claim 24, wherein said controller
2 is configured to adjust a phase of one or more oscillation signals
3 provided to said transmitter to facilitate rejection of unwanted
4 signals.